GeometricObject
-color: String
-filled: boolean
-dateCreated: Date
+GeometricObject()
+GeometricObject(color: String, filled: boolean)
+getColor(): String
+setColor(color: String)
+isFilled(): boolean
+setFilled(filled: boolean)
+getDateCreated(): Date
+toString(): String

Triangle
-side1: double
-side2: double
-side3: double
+Triangle()
+Triangle(side1: double, side2: double, side3: double, color: String, filled: boolean)
+getSide1(): double
+getSide2(): double
+getSide3(): double
+getArea(): double
+getPerimeter(): double
+toString(): String

Account
-id: int
-balance: double
-annualInterestRate: double
-dateCreated: Date
+Account()
+Account(id: int, balance: double)
+getId(): int
+setId(newId: int)
+getBalance(): double
+setBalance(newBalance: double)
+getAnnualInterestRate(): double
+setAnnualInterestRate(annualInterestRate: double)
+getDateCreated(): Date
+getMonthlyInterestRate(): double
+getMonthlyInterest(): double
+withdraw(amt: double)
+deposit(amt: double)
+toString(): String

Checking
-overdraftLimit: double
+Checking() +Checking(overdraftLimit: double, id: int, balance: double) +getOverdraftLimit(): double +setOverdraftLimit(overdraftLimit: double) +toString(): String

Saving
+Saving() +Saving(id: int, balance: double) +toString(): String

Course
-courseName: String -students: ArrayList<String> -numberOfStudents: int
+Course(courseName: String) +addStudent(student: String) +getStudents(): String[] +getNumberOfStudents(): int +getCourseName(): String +dropStudent(student: String) +clear()